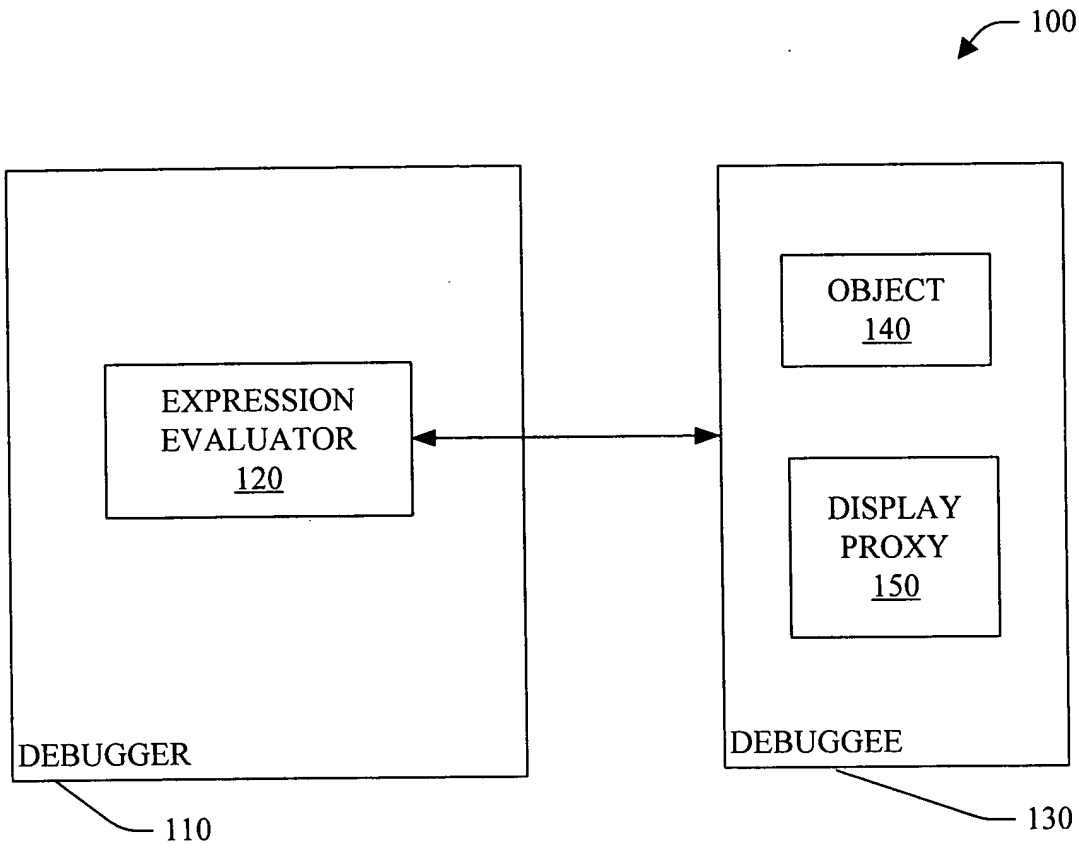
100
EXPRESSION
EVALUATOR
120
OBJECT
140
DISPLAY
PROXY
150
DEBUGGER
110
DEBUGGEE
130

FIG. 1

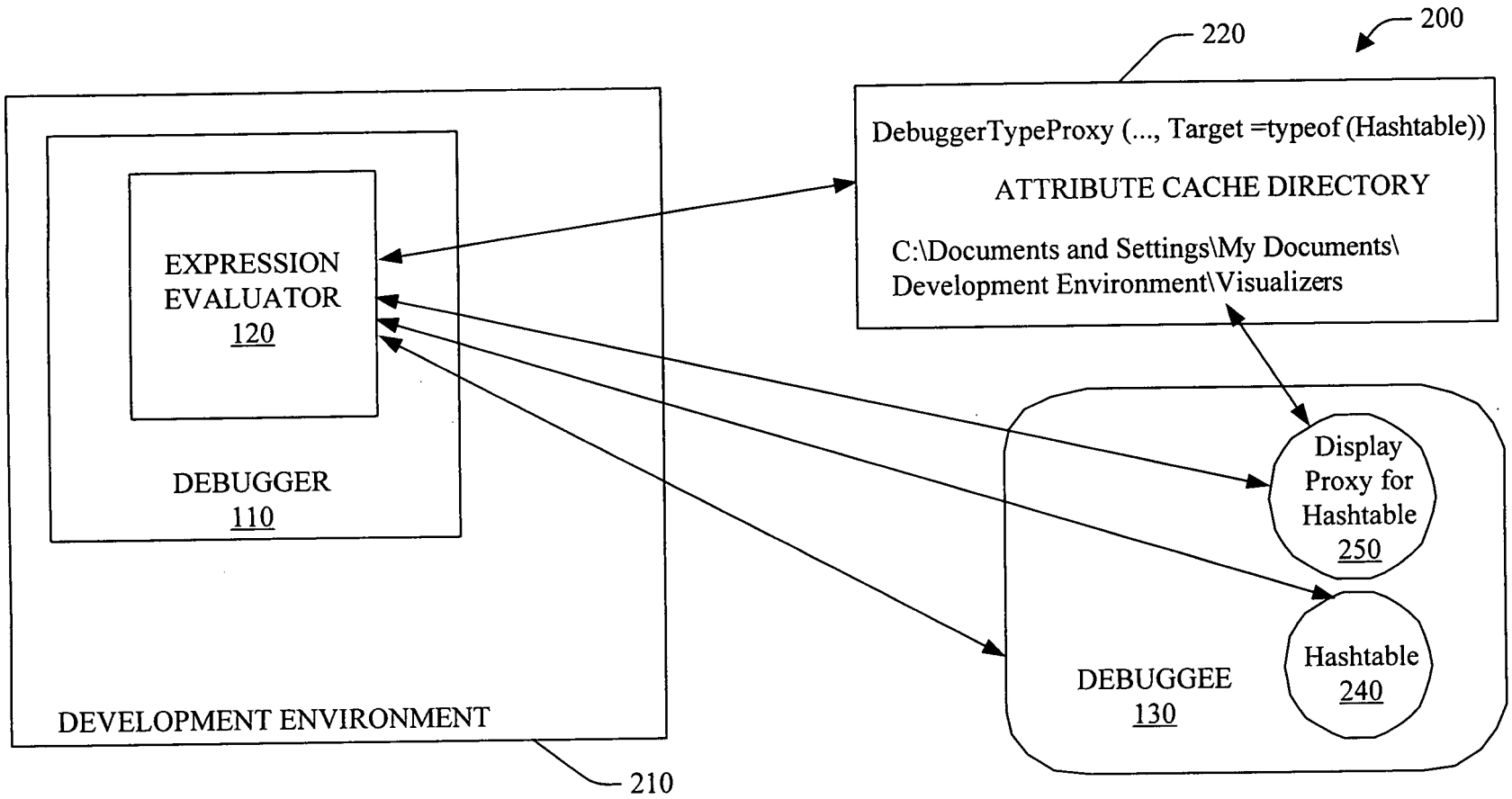
200
220
DebuggerTypeProxy (..., Target =typeof (Hashtable))
ATTRIBUTE CACHE DIRECTORY
C:\Documents and Settings\My Documents\
Development Environment\Visualizers
EXPRESSION
EVALUATOR
120
DEBUGGER
110
DEVELOPMENT ENVIRONMENT
210
Display
Proxy for
Hashtable
250
Hashtable
240
DEBUGGEE
130

FIG. 2

BEST AVAILABLE COPY

300

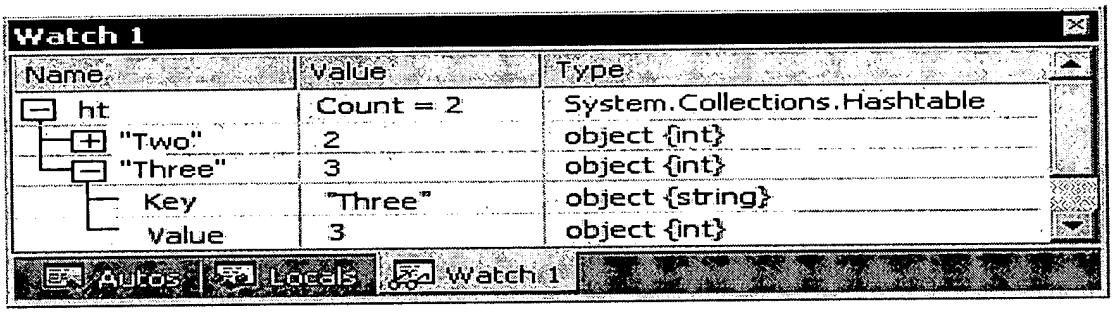

FIG. 3

BEST AVAILABLE COPY

400

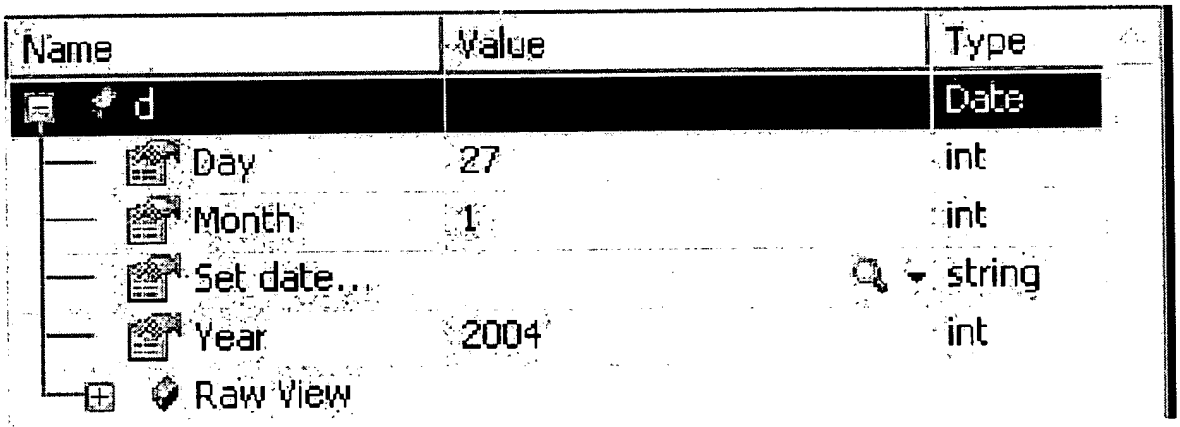

FIG. 4

500

FIG. 5

600

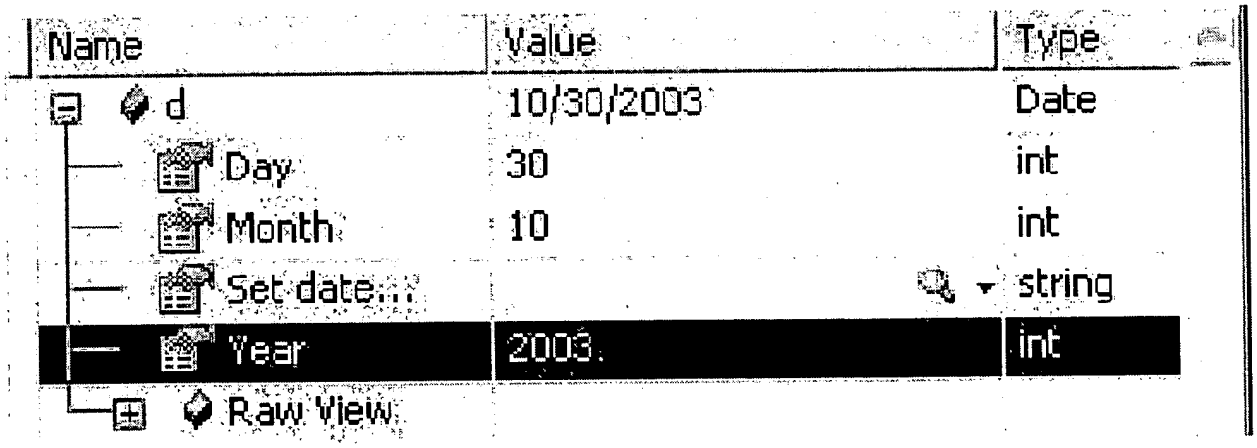

FIG. 6

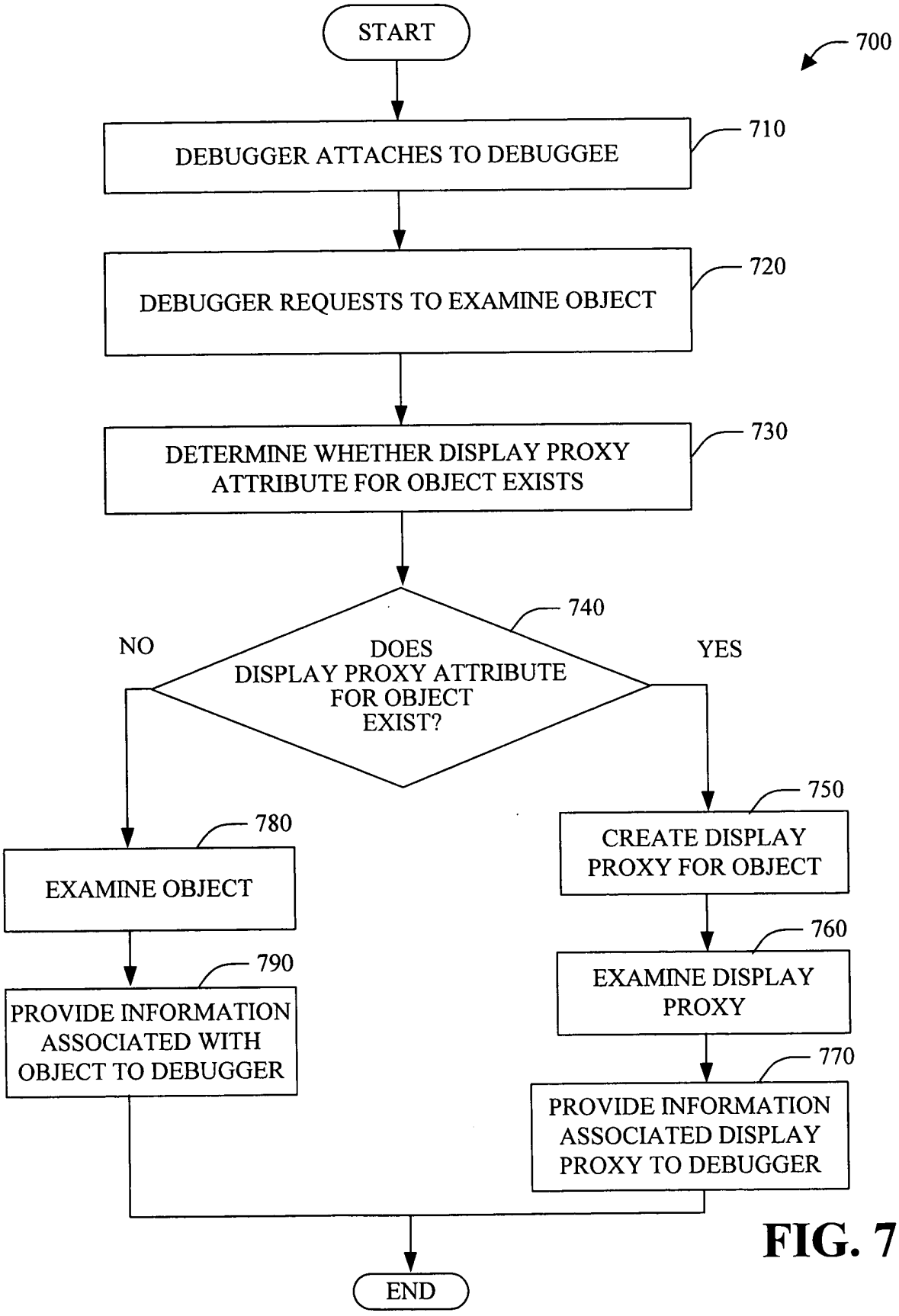
START
700
DEBUGGER ATTACHES TO DEBUGGEE
710
DEBUGGER REQUESTS TO EXAMINE OBJECT
720
DETERMINE WHETHER DISPLAY PROXY ATTRIBUTE FOR OBJECT EXISTS
730
DOES DISPLAY PROXY ATTRIBUTE FOR OBJECT EXIST?
740
NO
YES
EXAMINE OBJECT
780
PROVIDE INFORMATION ASSOCIATED WITH OBJECT TO DEBUGGER
790
CREATE DISPLAY PROXY FOR OBJECT
750
EXAMINE DISPLAY PROXY
760
PROVIDE INFORMATION ASSOCIATED DISPLAY PROXY TO DEBUGGER
770
END

FIG. 7

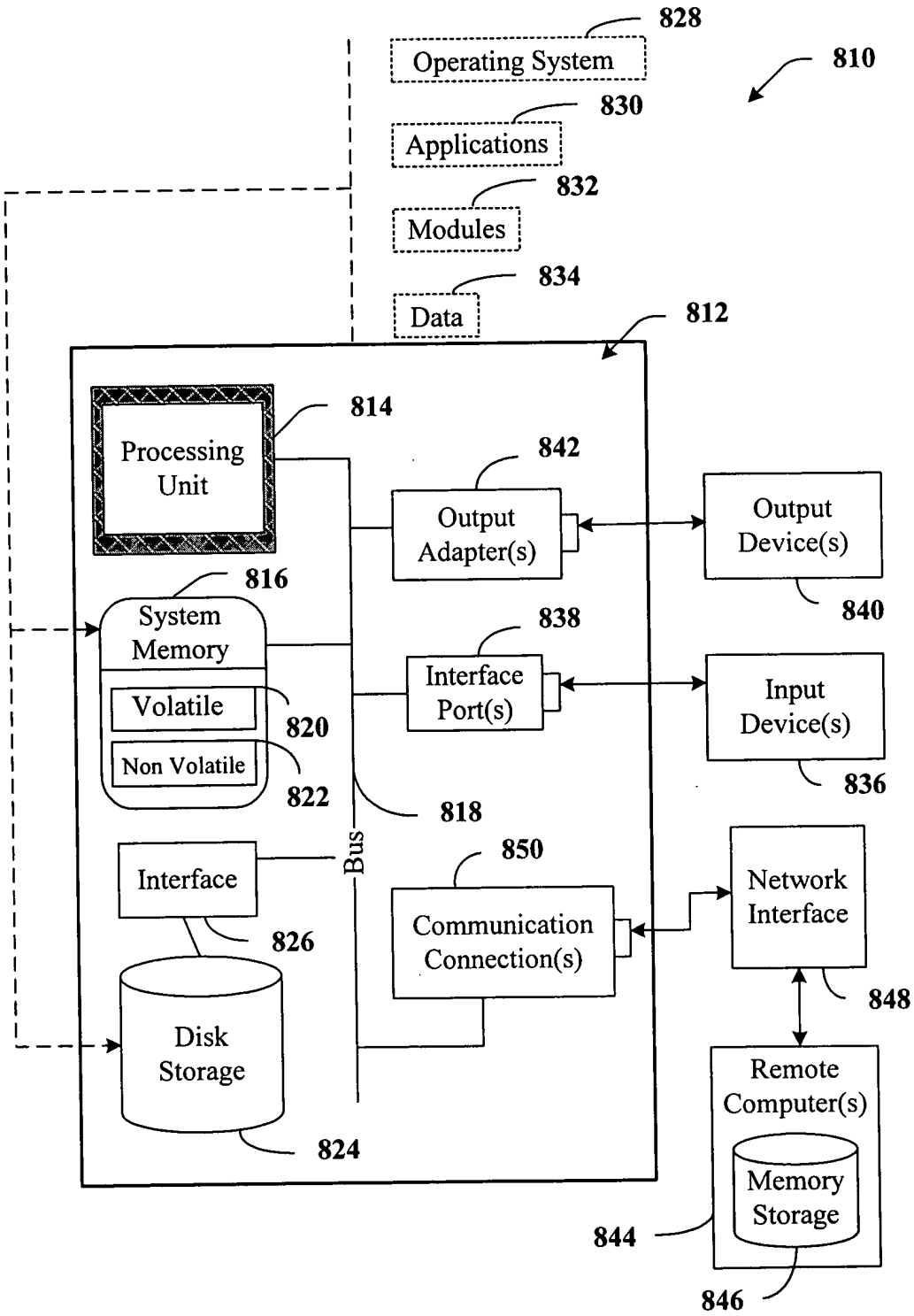
828
Operating System
810
830
Applications
832
Modules
834
Data
812
814
Processing Unit
842
Output Adapter(s)
Output Device(s)
840
816
System Memory
838
Interface Port(s)
Input Device(s)
836
Volatile
820
Non Volatile
822
818
Bus
Interface
826
850
Communication Connection(s)
Network Interface
848
Disk Storage
824
Remote Computer(s)
Memory Storage
844
846

FIG. 8